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## **ABSTRACT**

A very high performance tire (1, 101) for vehicles comprises a tread (14) provided with a plurality of transversal grooves (15) circumferentially distributed along the tread (14) in groups alternately extending from opposite shoulder zones (F, G) of the tread (14). The transversal grooves (15) define in an equatorial zone (E) of the tread (14) a substantially isotropic matrix of substantially continuous portions (18) of the tread (14) terminating at an equatorial portion (17) of a same transversal groove (15) of the axially opposite group of grooves.

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